

Notice of Allowability

Application No.

10/021,052

Examiner

Peter Poltorak

Applicant(s)

UYAMA, YASUMASA

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment received on 1/30/06 and a phone conversation with Phillip Articola on 1/15/07.
2. ☒ The allowed claim(s) is/are 1, 3-7.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

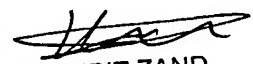
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 12/12/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


KAMBIZ ZAND
PRIMARY EXAMINER

DETAILED ACTION

1. This Office Action is in response to Applicant's amendment filed on 2/15/06.

Examiner Amendment

2. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

The following changes were authorized (and permission to make same by Authorization for this Examiner's Amendment was given in a telephone interview with Phillip Articola on 1/15/07).

3. Please amend the preamble claims 1 and 6-7 as follows:

Claim 1:

--

A computer program stored on an information processing device having a memory ~~and~~ enabling an electronic mail communication operation over the internet, wherein,

the memory having a reference table, a plurality of rows each corresponding to a single electronic mail address, an address column storing an electronic mail address, an enciphering column which includes a key area storing an enciphering key identifier and a software area storing an enciphering software identifier, and a deciphering

Art Unit: 2134

column which includes a key area storing a deciphering key identifier and a software area storing a deciphering software,

the reference table being rewritable in response to a prescribed user operation,

the computer program containing instructions which upon execution carries out the following method steps:

automatically enciphering a file to be transmitted according to an enciphering key and an enciphering software upon an input of a prescribed enciphering instruction, wherein the specified enciphering key and the enciphering software are specified by looking up the enciphering column of a row of the reference table, the row being specified by using the designated transmission destination electronic mail address as a key, and are read out from the memory of the information processing device by using an enciphering key identifier and an enciphering software identifier, read out from the enciphering column of the reference table, as a key; and

automatically deciphering a received enciphered file according to a specified deciphering key and a deciphering software upon an input of a prescribed deciphering instruction, wherein the deciphering key and a deciphering software are specified by looking up the deciphering column of a row of the reference table, the row being specified by using the transmission source electronic mail address as a key, and are read out from the memory of the information processing device by using a deciphering key identifier and a deciphering software identifier, read out from the deciphering column of the reference table, as a key.

--

Art Unit: 2134

Claim 6

--

A telephone machine having a transmitter notification means; comprising,

means for installing an enciphering program and a deciphering program;

first memory means for storing enciphering reference data in which a transmission destination telephone number is pre-set to correspond to an optional enciphering program;

second memory means for storing deciphering reference data in which a transmission source telephone number is pre-set to correspond to an optional deciphering program;

means for enciphering and transmitting a voice signal to be transmitted using the enciphering program, wherein said enciphering program to be used for communication is identified based on the transmission destination telephone number of the communication provided in the enciphered reference data; and

means for deciphering and audibly outputting voice of the received voice using the deciphering program, wherein the deciphering program to be used is specified based on the data of the transmission source telephone number of the communication, and the deciphering reference data,

wherein the transmission source telephone number is stored in the first memory means together with a separate enciphering key and a separate deciphering key, the first memory means corresponding to a first reference table having a separate row for each telephone number stored therein, and

wherein the destination telephone number is stored in the second memory means together with a separate enciphering key and a separate deciphering key, the second memory means corresponding to a second reference table having a separate row for each telephone number stored therein.

--

Claim 7

--

A telephone machine according to Claim 6, wherein;

said first reference table is enabled to have a plurality of kinds of enciphering programs corresponding to a single transmission destination telephone number, wherein the voice signal to be transmitted to the transmission destination has predetermined corresponding enciphering programs, is enciphered in multiple stages using a plurality of kinds of enciphering programs; and

said second reference table is enabled to have a plurality of kinds of deciphering programs corresponding to a single transmission source telephone number, wherein the enciphered voice signal transmitted from the transmission source telephone number has corresponding predetermined deciphering programs, is deciphered in multiple stages using a number of the plurality of deciphering programs.

--

Examiner's Statement of Reasons for Allowance

Claims 1 and 3-7 are allowed.

4. The following is a statement of reasons for the indication of allowable subject matter.

Art Unit: 2134

5. Applicant invention is directed towards source/destination communication utilizing encryption of transmission based on a destination electronic mail address (claims 1, 3-5) or a telephone number (claims 6-7) and utilizing decryption of transmission based on a source electronic mail address (claims 1, 3-5) or a telephone number (claims 6-7). The communication utilizes a table that contains an enciphering and deciphering key for a source and destination electronic mail address (claims 1, 3-5) or telephone number (claims 6-7).
6. The closest prior art Vidrascu (U.S. Patent No. 5583940) in view of Leppek (U.S. Patent No. 5933501), Collins (U.S. Patent No. 6424828) and Schier (U.S. Patent No. 6907123) disclose encryption and decryption of transmission based on electronic mail or a telephone number.
7. Vidrascu in view of Leppek, Collins and Schier not disclose "a reference table, a plurality of rows each corresponding to a single electronic mail address, an address column storing an electronic mail address, an enciphering column which includes a key area storing an enciphering key identifier and a software area storing an enciphering software identifier, and a deciphering column which includes a key area storing a deciphering key identifier and a software area storing a deciphering software" and "automatically enciphering a file to be transmitted according to an enciphering key and an enciphering software upon an input of a prescribed enciphering instruction, wherein the specified enciphering key and the enciphering software are specified by looking up the enciphering column of a row of the reference table, the row being specified by using the designated transmission

destination electronic mail address as a key, and are read out from the memory of the information processing device by using an enciphering key identifier and an enciphering software identifier, read out from the enciphering column of the reference table, as a key; and automatically deciphering a received enciphered file according to a specified deciphering key and a deciphering software upon an input of a prescribed deciphering instruction, wherein the deciphering key and a deciphering software are specified by looking up the deciphering column of a row of the reference table, the row being specified by using the transmission source electronic mail address as a key, and are read out from the memory of the information processing device by using a deciphering key identifier and a deciphering software identifier, read out from the deciphering column of the reference table, as a key” as does not disclose “first memory means for storing enciphering reference data in which a transmission destination telephone number is pre-set to correspond to an optional enciphering program; second memory means for storing deciphering reference data in which a transmission source telephone number is pre-set to correspond to an optional deciphering program” wherein “the transmission source telephone number is stored in the first memory means together with a separate enciphering key and a separate deciphering key, the first memory means corresponding to a first reference table having a separate row for each telephone number stored therein, and wherein the destination telephone number is stored in the second memory means together with a separate enciphering key and a separate deciphering key, the second memory means corresponding to a second


reference table having a separate row for each telephone number stored therein" as required by the claim language.

8. The prior art, fails to anticipate or fairly suggest the limitation of applicant's independent claims, in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. As a result the claimed invention is considered to be in condition for allowance as being novel and non-obvious over prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on statement of Reasons for Allowance".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Poltorak whose telephone number is (571) 272-3840. The examiner can normally be reached from Monday through Thursday from 9:00 until 5:00, and every other Friday from 9:00 until 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on (571) 272-3811. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-1600.


KAMBIZ ZAND
PRIMARY EXAMINER